



03-15-04

AF/2818

Filed Via Express Mail

Rec. No.: EL 980147320 US

On: March 11, 2004

By

Erick L. Maldonado

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Attorney Docket No. NECW 19.349 (100806-00081)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Hidetaka NATGUME
Serial No.: 10/046,792
Filed: January 15, 2002
Title: SEMICONDUCTOR MEMORY...
Examiner: Joseph H. Nguyen
Art Unit: 2815

March 11, 2004

Director of the U.S. Patent and
Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of the document listed thereon. This document contains information in which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed after the issuance of a final Office Action, a fee of \$180.00 accompanies this document in accordance with 37CFR §§1.97(c) and 1.17(p).

Also attached is a copy of a Korean Office Action dated December 12, 2003 and a Japanese Office Action dated December 15, 2003 from the corresponding Korean Patent Application. The Japanese Office Action cited two documents. One of such documents, namely

JP 09-260510 was cited in an IDS previously submitted on January 15, 2002. All of the documents listed in Form PTO-1449 appear in both Office Actions.

As these documents are written in a language other than English, English Language abstracts are annexed thereto explaining their relevancy in accordance with 37 CFR §1.98(a)(3).

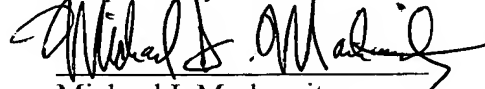
Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a) and 1.106 (b), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,


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DOCKET NO.: NECW 19.349(100806-00081)

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1440018

U.S. Department of Commerce
Patent and Trademark Office

Application No.	: 10/046,792
Filing Date	: January 15, 2002
First Named Inventor:	H. NATGUME
Group Art Unit	: 2815
Examiner Name	: J.H. NGUYEN
Attorney Docket No.	: NECW 19.349

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		1999-029622	KR		04/26/1999	
		11-145288	JP	HITACHI LTD	05/28/1999	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
Examiner Signature		Date Considered	

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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